

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:42 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 459 Const Calendar Day: 199 Date: 20-Dec-2012 Thursday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 05:30 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Cable Wrapping

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Cable wrapping
- Painting of suspender ropes
- Installation of suspender bracket hardware (closure plates, plug bolts, set screws, etc)

Today I was inspecting Rogelio Ruiz's crew on Cable wrapping on the South main-span, & Gary Anderson's crew on misc work including installing plug bolts in the suspender anchor rods.. See the diaries of L. Woo, M. Bruce, A. Schmitt, R. Feather, & S. Soheilifard for additional details of Cable field work.

- I arrived at the pier 7 office at 07:00, & was on the bridge at 07:15.

Cable wrapping at Cable bay 110S to 108S by Rogelio's crew:

- Zinc paste was applied to the Cable between PPs 109.5S & 108S. - Note: The Cable was cleaned with MEK prior to placing the zinc paste.
- The "push" wrapping machine was set up just uphill of the cable band (CB) at PP 110S.
- The first 250mm of S-wire was wrapped just uphill of the CB at PP 110S.
- Cadwelds were placed atop the Cable to secure the S-wire in place
- The 250mm section of S-wire was moved downhill to lap under the CB caulking groove.
- Wrapping was done with the "push" machine. Near PP 109.5S, wrapping was stopped when the bobbins ran low on S-wire.
- Cadwelds were placed atop the Cable to secure the S-wire in place. Also, full bobbins were installed on the wrapping machine.
- The S-wire butt splice near was done near PP 109.5S. - Note: Cadwelds were not placed above these spliced wires today. They will be added later.
- The Cable was wrapped with the "push" machine, & stopped when the wrapping machine ran out of clearance to continue near the bike path cantilever beam near PP 109.2S.
- Cadwelds were placed atop the Cable to secure the S-wire in place.
- The "push" wrapping machine was removed, & the "pull" wrapping machine was installed on the cable.

Misc work by Gary Anderson's crew:

Note: I mainly was inspecting Rogelio's crew on Cable wrapping, & only intermittently checked on Gary's crew doing the work listed below.



Daily Diary Report by Bid Item

Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 459 **Date:** 20-Dec-2012 **Thursday**

- Plug bolts with loctite 2047 were installed in the inset threads at the bottom of the suspender anchor rods from PP 30N through PP 60N.
- Set screws with loctite 243 were installed in the suspender sockets from PP 30N through PP 60N.
- Access ladders were removed at various locations along the North side of the bridge in order to be able to start installing suspender bracket top closure plates.

- At 15:00, Rogelio's crew left after an 8-hour shift. After this time, I checked on the status of work of Gary's crew.
- At 16:15, I left the bridge.
- From 16:30 until 17:30, I reviewed 2 RFIs related to phase-4 load transfer that recently received. RFI-3142 regarding the amount of shimming required at PP 112, & RFI-3148 requesting a change in grade of bolts at PP 116 from A490 to A325 bolts.
- From 17:30 until 17:45, I wrote my diary for the day & checked email.

04-0120F4 Bid Item: 067 C-PWS-WCS.067 Wrap Cable System

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	JOSE ALFARO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RENE ESQUIVEL	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	ETHAN KENT	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	GEN	GARY ANDERSON	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	JNM	JOSE MOLINA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	APP	JUAN HERNANDEZ	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	RYAN CONNER	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	BISMARCK HERNANDEZ	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	JONATHAN CANITES	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	MORRIS ROBERSON	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	ROGELIO RUIZ	8.00	0.00	0.00	8.00		<input type="checkbox"/>